

Intended Recipient of Funds: American Legion Pearl Harbor Memorial Post 1941
P.O Box 654
Port Jefferson, NY 11777

Amount Requested: \$60,000

Explanation of the Request: The American Legion Pearl Harbor Memorial Post 1941 in Port Jefferson, NY will use funding to construct walkways winding through landscaped gardens at Calverton National Cemetery to provide families comfort and educate youth. At the center of the walkway, a monument recognizing our Congressional Medal of Honor Recipient and Pearl Heart Recipients will be erected. This project is a valuable use of taxpayer funds because it provides assistance to national cemetery.

Intended Recipient of Funds: Bellport Beach Property Owners Association, Inc.
P.O. Box 345
Bellport, NY 11772

Amount Requested: \$13,000

Explanation of the Request: The Bellport Beach Property Owners Association is a small community of 325 homes on the South shore of Eastern Long Island. Facilities in the community are in need of repair including dredging and improvements to a boat ramp

Intended Recipient of Funds: Brookhaven Memorial Hospital Medical Center
101 Hospital Road
Patchogue, NY 11772

Amount Requested: \$500,000

Explanation of the Request: Brookhaven Memorial Hospital Medical Center needs to update and improve its electrical infrastructure. The purchase of the generator is part of an initiative to increase the capacity of their power plant. The generator will allow the hospital to create more electricity, which is desperately needed to meet increased demands. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Brookhaven Memorial Hospital Medical Center
101 Hospital Road
Patchogue, NY 11772

Amount Requested: \$500,000

Explanation of the Request: Brookhaven Memorial Hospital offers a state-of-the-art Women's Imaging Center housing all facets of women's health care under one roof. In an effort to maintain cutting-edge technology at the Center, a full field digital mammography unit will allow Brookhaven to provide prompt accurate and thorough diagnosis for its patients. Statistics show that 1 in 8 women on Long Island will develop breast cancer at some time in her life. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Brookhaven Memorial Hospital Medical Center
101 Hospital Road
Patchogue, NY 11772

Amount Requested: \$155,000

Explanation of the Request: Brookhaven Memorial Hospital offers a state-of-the-art Women's Imaging Center housing all facets of women's health care under one roof. In an effort to maintain cutting-edge technology at the Center, a stereotactic breast biopsy system digital radiography unit will allow Brookhaven to provide prompt accurate and thorough diagnosis for its patients. Statistics show that 1 in 8 women on Long Island will develop breast cancer at some time in her life. This project is a valuable use of taxpayer funds because it will protect public health.

Intended Recipient of Funds: Brookhaven Memorial Hospital Medical Center
101 Hospital Road
Patchogue, NY 11772

Amount Requested: \$200,000

Explanation of the Request: Brookhaven Memorial Hospital offers a state-of-the-art Women's Imaging Center housing all facets of women's health care under one roof. In an effort to maintain cutting-edge technology at the Center, a stereotactic breast biopsy system digital radiography unit will allow Brookhaven to provide prompt accurate and thorough diagnosis for its patients. Statistics show that 1 in 8 women on Long Island will develop breast cancer at some time in her life. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Brookhaven Technology Group, Inc.
19 Bridge Road
Setauket, NY 11733

Amount Requested: \$2,350,000

Explanation of the Request: This project addresses a critical National Security issue by use of compact, transportable nuclear-electric power systems that can be pre-located at critical bases or deployed when and where needed in case of emergency. Applications include both domestic and forward military bases and civilian uses in case of national disaster. Domestic military bases depend on the electric grid for power and therefore they are highly vulnerable to disruption by cyber or physical attack. Well planned simultaneous attacks would disrupt vital activities at critical locations for weeks, months or longer. The modular air cooled power units under study provide 10 MW to 50 MW of electrical power. They can be rapidly deployed to provide safe, reliable, secure power to troops and civilian personnel on either short term or long term basis at domestic bases, forward operating bases and in case of natural disaster. Brookhaven Technology Group pioneered the concept of deployable nuclear-electric power systems with funding from an Army SBIR. Congressional funds will be used for a one year study of total system cost and issues related to deployment to provide power in case of emergency. The effort will be performed in collaboration with The Polytechnic Institute of NYU, Brookhaven National Laboratory, The Institute for Advanced Technology (IAT) University of Texas at Austin, and Concurrent Technologies Corporation of Johnstown, PA. This is a valuable use of taxpayer funds because it will assist in the defense of the United States.

Intended Recipient of Funds: Combined Veterans of Riverhead
620 Parkway Street
Riverhead, NY 11901

Amount Requested: \$40,000

Explanation of the Request: Funding will go toward ensuring the structural integrity of a cherished WWII monument. Funding will also install a new walkway, flag pool and make associated repairs. This project is a valuable use of taxpayer funds because it preserves an important veteran memorial.

Intended Recipient of Funds: Dowling College
150 Idle Hour Blvd
Oakdale, NY 11730

Amount Requested: \$400,000

Explanation of the Request: Funding will establish a Homegrown Teacher Partnership Program with local school districts throughout Suffolk County. The program will focus in recruitment of high school students and offering of pre-teacher interest workshops to explore the gamut of possibilities a career in teaching through connection with current college students, teachers and college professors; professional development workshops, career mentoring opportunities, teacher licensure preparation, internship opportunities, and student teaching placement with homegrown partner school districts. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: Central Suffolk Hospital dba Peconic Bay Medical Center
1300 Roanoke Avenue
Riverhead, NY 11901

Amount Requested: \$500,000

Explanation of the Request: Peconic Bay Medical Center will purchase a 64 slice CAT scan unit, replacing a ten-year-old single slice unit to provide high quality diagnostic imaging that improves patient outcomes. The new CAT scan will also significantly increase the hospital's capacity to perform CAT scan procedures, for which there is a growing need in the community. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Central Suffolk Hospital dba Peconic Bay Medical Center
1300 Roanoke Avenue
Riverhead, NY 11901

Amount Requested: \$175,000

Explanation of the Request: The Medication Safety Program is focused on creating a culture of safety resulting in the reduction of medication errors. The program includes the development and implementation of medication safety guidelines and clinical interventions throughout the continuum of care and the expansion of the hospital's e-prescribing system. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Central Suffolk Hospital dba Peconic Bay Medical Center
1300 Roanoke Avenue
Riverhead, NY 11901

Amount Requested:

Explanation of the Request: The Telemetry Paging System Program consists of a 48-bed cardiac telemetry unit to deliver critical alarm and heart rhythm information directly to nurses via a wireless handheld devices or remote wall mounted terminals on designated floors. Previously nurses would receive verbal alarms from remote telemetry technicians in the event of a rhythm change via pagers. They will now able to receive the actual waveform associated with the event that triggered the alarm on a wireless device. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Children's Maritime Museum
PO Box 465
Port Jefferson, NY 11777

Amount Requested: \$240,000

Explanation of the Request: The Director of Exhibits will work collaboratively with exhibit designers to ensure that five proposed exhibits effectively engage families in learning. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: Children's Museum of the East End
376 Bridgehampton Sag Harbor Turnpike
P.O. Box 316
Bridgehampton, NY 11932

Amount Requested: \$137,000

Explanation of the Request: The Children's Museum of the East End is a non-profit organization that seeks to supplement the educational and cultural needs of the region's children and families of eastern Long Island. Funding will be used for permanent and temporary exhibits, related classes, and workshops. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: Colonial Youth and Family Services, Inc.
1235 Montauk Highway
Mastic, NY 11950

Amount Requested: \$250,000

Explanation of the Request: Funding will allow this low-cost child care organization make renovations to their facilities in order to better serve the community. This project is a valuable use of taxpayer funds because it facilitates child care.

Intended Recipient of Funds: Cold Spring Harbor Laboratory
One Bungtown Road
Cold Spring Harbor, NY 11724

Amount Requested: \$500,000

Explanation of the Request: Funding will go towards performing genomic studies on breast and ovarian tumors, which are aimed at developing affordable and informative DNA Biopsy diagnostic tests, and new therapeutic strategies for breast and ovarian cancer. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Cold Spring Harbor Laboratory
One Bungtown Road

Cold Spring Harbor, NY 11724

Amount Requested: \$1,000,000

Explanation of the Request: Cold Spring Harbor Laboratory is conducting research aimed at generating biofuels from plants and algae have great potential to reduce U.S. dependence on foreign oil and create jobs. The immediate goal of the research is to survey duckweed species by genome re-sequencing and metabolic flux analysis in order to obtain information that will lead to improved oil production in this aquatic plant. Funding will speed the development of viable biofuel alternatives to fossil fuels. This is a valuable use of taxpayer funds because it is helping transform the nation's renewable and abundant biomass resources into cost competitive, high performance biofuels, bioproducts, and biopower

Intended Recipient of Funds: Colonial Youth and Family Services, Inc.
1235 Montauk Highway
Mastic, NY 11950

Amount Requested: \$60,000

Explanation of the Request: Funding will create two licensed social worker positions, expand clinical services and programs. There is a waiting list of clients to be seen in our community at this time. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Developmental Disabilities Institute
99 Hollywood Drive
Smithtown, NY 11787

Amount Requested: \$250,000

Explanation of the Request: Funds will be used to increase safety and save energy at two facilities serving over 350 preschool age children with autism and developmental disabilities. These facilities do not receive capital funding as public schools do, but educate the children referred to them. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: EAC, Inc.
50 Clinton Street
Suite 107
Hempstead, NY 11550

Amount Requested: \$300,000

Explanation of the Request: EAC, Inc. will use funding to establish an East End Family Center to house youth programming to prevent out-of-home placement and gang involvement, interventions for children who have been sexually abused, parent training, and a site for supervised visits in domestic violence cases. EAC currently provides these services in western and central Suffolk County. This is a valuable use of taxpayer funds because it will help disadvantaged children.

Intended Recipient of Funds: East End Health Alliance
201 Manor Place

Greenport, NY 11944

Amount Requested: \$750,000

Explanation of the Request: The three hospitals of the East End Health Alliance - Eastern Long Island Hospital, Peconic Bay Medical Center and Southampton Hospital, currently lack an integrated information technology system to the consolidation of financial and management systems. A common IT platform will permit the hospitals to achieve financial and management efficiencies. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: East End Health Alliance

201 Manor Place

Greenport, NY 11944

Amount Requested: \$750,000

Explanation of the Request: The three hospitals of the East End Health Alliance - Eastern Long Island Hospital, Peconic Bay Medical Center and Southampton Hospital, currently lack an electronic medical record system in their ambulatory physician practices. Funding will allow the Alliance to consolidate disparate software systems while providing the best support for the organization's evolving technology needs. This project is a valuable use of taxpayer funds because it will promote public health.

Intended Recipient of Funds: Economic Opportunity Council of Suffolk, Inc.

475 East Main Street, Suite 206

Patchogue, NY 11772

Amount Requested: \$300,000

Explanation of the Request: Funding will be used for the operational expenses of the Montauk Child Care Center that provide educational programs and instruction for children. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: FAA, Eastern Region

1 Aviation Plaza, Room 542

Jamaica, NY 11434

Amount Requested: \$500,000

Explanation of the Request: Funding will assist the FAA in identifying potential solutions for helicopter noise abatement over Long Island, NY; including, but not limited to, additional regulation; responsible flight paths and altitudes; and noise abatement technologies. This is a valuable use of taxpayer funds because it affects quality of life on Long Island, NY.

Intended Recipient of Funds: Family Community Life Center, Inc.

1018 Northville Turnpike

Riverhead, NY 11901

Amount Requested: \$250,000

Explanation of the Request: Funding will be used to establish of a Planned Development District (PDD) on the First Baptist Church of Riverhead's 12.5 acre campus to boost economic development project and fulfill the Riverhead community's unmet needs. This project is a valuable use of taxpayer funds because

Intended Recipient of Funds: Fishers Island Ferry District
P.O. Box H
Fishers Island, NY 06390

Amount Requested: \$700,000

Explanation of the Request: The Fishers Island Ferry District requires renovation of the office building and surrounding areas of on Fishers Island, NY. The proposal includes the repaving of the ferry parking and staging area with the appropriate safety and security fencing as necessary to keep the passenger traffic and the vehicular traffic in their proper areas and installation of the necessary fencing in the parking area to ensure the uninhibited flow from vehicles departing the ferry. The existing terminal building will be enlarged to provide much needed additional office space for staff, as well as updating the passenger waiting area. This project is a valuable use of taxpayer funds because it will facilitate transportation from Fisher's Island, NY.

Intended Recipient of Funds: Fire Island Land Trust
250 Lawrence Hill Road
Cold Spring Harbor, NY 11724

Amount Requested: \$500,000

Explanation of the Request: Funding is needed to restore and preserve two buildings located on National Park Service property between the communities of Fire Island Pines and Cherry Grove. This project is a valuable use of taxpayer funds because it will protect local historic buildings

Intended Recipient of Funds: Fire Island Land Trust
250 Lawrence Hill Road
Cold Spring Harbor, NY 11724

Amount Requested: \$150,000

Explanation of the Request: Funding will go toward collaboration between the Fire Island National Seashore and the Fire Island Land Trust to promote education and outreach on the value of environmental stewardship and resource protection within the national seashore. This project is a valuable use of taxpayer funds because it promotes environmental stewardship.

Intended Recipient of Funds: Five Town Rural Transit, Inc.
P.O. Box 1433
Sag Harbor, NY 11963

Amount Requested: \$250,000

Explanation of the Request: Funding would be used to implement a coordinated rail and bus network on the East End of Long Island. The concept is currently the subject of an Economic Feasibility Study being conducted by the USDOT Volpe National Transportation Systems Center. This project is a valuable use of taxpayer funds because it facilitates public transportation on Long Island.

Intended Recipient of Funds: Friends of Caleb Smith Preserve
P.O. 963

Smithtown, NY 11787

Amount Requested: \$13,000

Explanation of the Request: Funding will be used to install a 10kw photovoltaic solar array at Caleb Smith State Park Preserve. The array will provide approximately a third of the power used annually at the Caleb Smith House and utility barn. This is a valuable use of taxpayer funds because it diversifies the energy supply, reduces the country's dependence on imported fuels, improves air quality, and offsets greenhouse gas emissions

Intended Recipient of Funds: Friends of Wertheim National Wildlife Refuge
360 Smith Road
Shirley, NY 11967

Amount Requested: \$300,000

Explanation of the Request: Funding will go toward completing planning, engineering and design for a Visitor Learning Center and Headquarters for the Long Island National Wildlife Refuge Complex at the Wertheim National Wildlife Refuge. A conceptual plan for the facility has been approved by the U.S. Fish and Wildlife. This project is a valuable use of taxpayer funds because it will expand and improve the resources of a national wildlife refuge.

Intended Recipient of Funds: Good Shepherd Hospice
245 Old Country Road
Melville, NY 11747

Amount Requested: \$150,000

Explanation of the Request: With this funding Good Shepherd Hospice will equip its direct patient care staff with laptops and customized software to improve the accuracy and availability of patient information and to enhance communication amongst the interdisciplinary care team. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Guild Hall of East Hampton, Inc.
158 Main Street
East Hampton, NY 11937

Amount Requested: \$40,000

Explanation of the Request: Guild Hall provides important educational outreach to local schools with 35 percent Latino population. School administrators, teachers and parents identify literacy and ability to resolve conflict as the most serious issues placing students at risk. Funding will be used for teaching communication and coping skills to elementary and middle-school students through theater arts programs that address relevant social issues. This is a valuable use of taxpayer funds because it will provide educational outreach to the community.

Intended Recipient of Funds: Hampton Bays Union Free School District
86 East Argonne Road
Hampton Bays, NY 11946

Amount Requested: \$72,000

Explanation of the Request: Mt. Sinai School District will use funding to add interactive classrooms and presentation technology. The availability of multimedia teaching materials will allow the delivery of high quality lessons using proposed multimedia delivery systems. The District also plans on improving design and engineering software, and computer-based science stations.

Intended Recipient of Funds: Hallockville, Inc.
6038 Sound Avenue
Riverhead, NY 11901

Amount Requested: \$175,000

Explanation of the Request: Funding will be used to complete a decade-long expansion of the Hallockville campus. In addition, funds will be used to develop programming related to agriculture and sustainability relevant to Eastern Long Island. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: Herstory Writers Workshop, Inc.
2539 Middle Country Rd. FL2
Centereach, NY 11720

Amount Requested: \$185,000

Explanation of the Request: Herstory Writers Workshop, a community memoir writing project for women, addresses the rehabilitation, social and educational empowerment of women in prison and at risk in the larger community. Funding would be used over a fifty week period for three weekly workshops within Suffolk County's correctional facilities, three neighborhood programs in Spanish, and six Community Response projects in neighborhoods torn apart by violence, including hands-on training for new facilitators. This is a valuable use of taxpayer funds because it will promote social and educational empowerment for women.

Intended Recipient of Funds: Incorporated Village of Nissequogue
631 Moriches Road
St. James, NY 11780

Amount Requested: \$44,000

Explanation of the Request: Funding will equip patrol cars with Mobile Data Terminals. These laptop computers will link to Suffolk County Dispatch and the National Crime Information Center to enhance patrol efficiency, as well as officer and public safety. This is a valuable use of taxpayer funds because it will facilitate law enforcement activities.

Intended Recipient of Funds: Incorporated Village of Nissequogue
631 Moriches Road
St. James, NY 11780

Amount Requested: \$100,000

Explanation of the Request: Funding will address an increasingly hazardous condition on Nissequogue River Road, a federal aid road, where a 150 foot section is being eroded by the Nissequogue River. This is a safety hazard that will become worse with time,

ultimately resulting in this portion of the road sliding into the river. This project is a valuable use of taxpayer funds because it reduces hazards to commuters.

Intended Recipient of Funds: Incorporated Village of Sag Harbor
55 Main Street
Sag Harbor, NY 11963

Amount Requested: \$30,000

Explanation of the Request: New York State has mandated that all fingerprints must be transmitted electronically by 2010. Funding will support the purchase of a digital live scan fingerprinting system to replace the current ink and paper system. This is a valuable use of taxpayer funds because it supports local law enforcement.

Intended Recipient of Funds: Incorporated Village of Sag Harbor
55 Main Street
Sag Harbor, NY 11963

Amount Requested: \$150,000

Explanation of the Request: Funding will be used to improve sidewalks, install new sidewalks and add new signage and roadway markings to increase safety for children and members of the public walking to Sag Harbor schools and to a nearby public park. This project is a valuable use of taxpayer funds because it promotes pedestrian safety.

Intended Recipient of Funds: Incorporated Village of Southampton
23 Main Street
Southampton, NY 11968

Amount Requested: \$1,800,000

Explanation of the Request: Funding for this wastewater project provides for planning, engineering and design for facility expansion at the Southampton Hospital Wastewater Treatment Plant. This project was identified by the Suffolk County Wastewater Treatment Task Force as critical to economic growth for the Southampton business community. This project is a valuable use of taxpayer funds because it promotes economic growth, and protects public health and the environment

Intended Recipient of Funds: Incorporated Village of Southampton
23 Main Street
Southampton, NY 11968

Amount Requested: \$200,000

Explanation of the Request: Funding would be used to replace the Police Department's obsolete emergency dispatch console to provide reliable service and enhance interoperability of public safety communications between first responders. This is a valuable use of taxpayer funds because it will facilitate law enforcement communication

Intended Recipient of Funds: John T. Mather Memorial Hospital
75 North Country Road
Port Jefferson, NY 11777

Amount Requested: \$200,000

Explanation of the Request: Funding will upgrade the cardiac monitors on its Critical Care Unit (CCU) at Mather Hospital, replacing a decade old system with advanced, less invasive technology providing clinicians with better information for making rapid decisions in the treatment of critical care patients. The new cardiac monitoring technology will support improved outcomes for patients and will reduce costs in the health care system. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: John T. Mather Memorial Hospital
75 North Country Road
Port Jefferson, NY 11777

Amount Requested: \$500,000

Explanation of the Request: Mather Hospital will purchase a 64 slice CAT scan unit, replacing a ten-year-old single slice unit to provide high quality diagnostic imaging that improves patient outcomes. The new CAT scan will also significantly increase the hospital's capacity to perform CAT scan procedures, for which there is a growing need in the community. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Lighthouse Mission, Inc.
54 Railroad Ave.
Patchogue, NY 11772

Amount Requested: \$32,000

Explanation of the Request: The Lighthouse Mission feeds the hungry and empowers the working poor and homeless on Long Island. Funding will be used to purchase a walk-in refrigerator needed to store donated perishable foods, including dairy, meat and produce products. This is a valuable use of taxpayer funds because it provides services to the disadvantaged in the community.

Intended Recipient of Funds: Little Flower Children & Family Services of New York
2450 North Wading River Road
Wading River, NY 11792

Amount Requested: \$350,000

Explanation of the Request: Funding will be used to enhance the transportation and road infrastructure of the 110 acre Wading River, NY, campus. This project is a valuable use of taxpayer funds because it promotes safety and security.

Intended Recipient of Funds: Long Island Power Authority
333 Earle Ovington Blvd.
Uniondale, NY 11553

Amount Requested: \$1,000,000

Explanation of the Request: The Long Island Power Authority is actively exploring the economic and technical feasibility of repowering options at the Port Jefferson and Northport power plants on Long Island, NY, greatly enhancing capacity while dramatically reducing harmful emissions. Funding is needed to conduct engineering and

construction planning. This is a valuable use of taxpayer funds because it will reduce costs for Long Island rate payers.

Intended Recipient of Funds: Long Island Power Authority
333 Earle Ovington Blvd.
Uniondale, NY 11553

Amount Requested: \$500,000

Explanation of the Request: The Long Island Power Authority's Shoreham Biodiesel Project seeks to achieve fully dispatchable, renewable energy from 2 GE LM6000 combustion turbines (79.9 MW) based on 100 percent biodiesel derived fuel. The project involves capital improvements including fuel tank insulation, fuel tank heater skids, seals and gasket replacement, filters, centrifuge, and electrical and mechanical retrofits. This is a valuable use of taxpayer funds because it supports the use of today's advanced technologies and energy management best practices

Intended Recipient of Funds: Island Nursing and Rehab Center
5537 Expressway Drive North
Holtsville, NY 11742

Amount Requested: \$100,000

Explanation of the Request: Funding will be utilized to purchase special equipment, i.e. low beds for patients and residents, enabling further implementation of a Fall Reduction Program offering better care patients. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Long Island Network of Community Services
60 Adams Avenue
Hauppauge, NY 11788

Amount Requested: \$300,000

Explanation of the Request: Long Island Network of Community Services, a partnership between four non-profit organizations will unify delivery of proven, multifaceted and multi-agency comprehensive services offered to more than 11,000 at-risk youth in the greater Long Island area per year. Funding will help serve at-risk youth living with HIV and AIDS, expand and strengthen violence services to at-risk minority youth, assist the a local Weed and Seed program, and support programs for "hard to reach" at-risk youth and families. This is a valuable use of taxpayer funds because it will expand health and welfare services for at-risk youth.

Intended Recipient of Funds: The Nature Conservancy
250 Lawrence Hill Road
Cold Spring Harbor, NY 11724

Amount Requested: \$600,000

Explanation of the Request: Funding will help identify causes of sea grass decline in New York, Connecticut, Massachusetts, and Rhode Island, and implement solutions to restore and properly manage sea grass into the future. Protection and restoration of this essential habitat is a vital component to successful recovery of regional finfish and shellfish populations, improving water quality, and increasing the economic capacity of

the fishing industry, all of which have far reaching benefits for the overall improved quality of life for present and future generations. This is a valuable use of taxpayer funds because it will help protect the environment.

Intended Recipient of Funds: New York State Department of Environmental Conservation

625 Broadway
Albany, NY 12233

Amount Requested: \$1,000,000

Explanation of the Request: Coastal Erosion Hazard Area (CEHA) mapping is necessary to support of the mandates of the federal Coastal Zone Management Act of 1972. New York State does not have sufficient funds available to meet the call of local governments and citizens to map these environmentally fragile and often well-populated areas. Federal funds are necessary to modernize and update CEHA maps that are used to minimize damage from coastal storms, flooding and/or erosion. This is a valuable use of taxpayer funds because it will protect infrastructure and promote safety

Intended Recipient of Funds: New York Structural Biology Center
89 Convent Avenue
New York, NY 10027

Amount Requested: \$5,000,000

Explanation of the Request: A new, third-generation synchrotron at Brookhaven National Laboratory (NSLS-II) is being designed, and when it is completed in 2015, the current synchrotron, NSLS, will be decommissioned. As currently planned, there will be no experimental end-stations available for biological research at NSLS-II, curtailing research critical to military and civilian biological defense. This proposal would build an experimental end-station at NSLS-II to serve more than 75 research groups and enable those working on the structure and processes of pathogens, toxins and their antidotes to continue their important research without interruption. If the station is not built, a large community of scientists engaged in nationally vital projects (including those involving the New York Structural Biology Center/U.S. Army's Edgewood Chemical Biological Center collaboration) will be without synchrotron access in the Northeast for an extended period of time, derailing important defense-related research. This is a valuable use of taxpayer funds because it will assist in the defense of the United States.

Intended Recipient of Funds: Parents for Megan
1320 Stony Brook Road
Suite 201
Stony Brook, NY 11790

Amount Requested: \$500,000

Explanation of the Request: Parents for Megan's Law are a nationally recognized organization that partners with law enforcement in the prevention and treatment of childhood sexual abuse through education, advocacy, and victim services. Sex Offender Registration Tips (SORT) and Support Programs will provide up-to-date accurate sex offender registry information to Federal, State and local law enforcement entities and

those that supervise sex offenders and will provide the public with two interactive sources for confidentially reporting sex offenders who are failing to comply with registration requirements. This is a valuable use of taxpayer funds because it will provide sex offender information to law enforcement.

Intended Recipient of Funds: Parker Hannifin Corporation, Electronic Systems
Division
300 Marcus Boulevard
Smithtown, NY 11787

Amount Requested: \$500,000

Explanation of the Request: Funding will be used by Parker Hannifin for the design, engineering, production, testing and optimization of a next-generation alternative fuel quantity-gauging system. Current fuel gauging technology cannot accurately measure the levels of alternative fuels like biofuel, so a new gauging system must be developed if these fuels are to be used in aircraft. This is a valuable use of taxpayer funds because it is helping transform the nation's renewable and abundant biomass resources into cost competitive, high performance biofuels, bioproducts, and biopower

Intended Recipient of Funds: Partnership for Mid-Atlantic Fisheries Science
501 Trenton Ave
Pt. Pleasant, NJ 08742

Amount Requested: \$500,000

Explanation of the Request: Partnership for Mid-Atlantic Fishery Science is a multi-state, multi-institutional partnership that will utilize academic and recreational/commercial fisheries resources to address the most urgent scientific issues limiting successful management of the summer flounder and black sea bass fisheries in the Mid-Atlantic region. PMAFS will incorporate this critical information into the management process through well-established partnerships with NMFS, MAFMC, and ASMFC committees and assessment programs. This is a valuable use of taxpayer funds because it increases support for fishing research.

Intended Recipient of Funds: Pederson-Krag Center
55 Horizon Drive
Huntington, NY 11743

Amount Requested: \$300,000

Explanation of the Request: Funding will be used to install solar panels at the Pederson-Krag Center in Coram, NY to promote energy efficiency, save electricity, and reduce greenhouse gas emissions. This is a valuable use of taxpayer funds because it diversifies the energy supply, reduces dependence on imported fuels, improves air quality, and offsets greenhouse gas emissions

Intended Recipient of Funds: Scientific Innovations, Inc.
14 Oak Hill Lane
East Hampton, NM 11937

Amount Requested: \$500,000

Explanation of the Request: Funding will be utilized for completion and testing of a Gamma Resonant and Detection System for detection of explosives, shielded nuclear materials and other contraband. This is a valuable use of taxpayer funds because it will protect the homeland.

Intended Recipient of Funds: Sea Tow Services International
700 Hummel Avenue
Southold, NY 11971

Amount Requested: \$500,000

Explanation of the Request: Funding would provide coastal communications system and call center capabilities as an interagency marine emergency communications system providing direct connection capability to New York State, County and local police and emergency rescue agencies in the marine domain. This is a valuable use of taxpayer funds because it will facilitate local law enforcement in marine operations.

Intended Recipient of Funds: Shinnecock Indian Nation
Church Street (no number)
P.O. Box 5006
Southampton, NY 11969

Amount Requested: \$200,000

Explanation of the Request: The Shinnecock Shellfish Hatchery and Environmental Center is working with the local community to ensure environmentally sustainable, economic development opportunities for the Shinnecock Indian Nation. Conditions such as brown tide and general water pollution have crippled the Nation's ability cultivate a sustainable oyster harvest. This project will create an oyster sanctuary in Shinnecock Bay, NY, to increase water quality by filtering out organic and inorganic material from the water column while providing a nursery for many species of vertebrates and invertebrates. Funding will also go towards the renovation of the Shinnecock Shellfish Hatchery and Environmental Center building to enable the Nation to better utilize current assets needed in planning and raising environmentally sound shellfish. This project addresses water quality concerns through an environmentally beneficial and cost-effective manner.

Intended Recipient of Funds: Shinnecock Indian Nation
Church Street (no number)
P.O. Box 5006
Southampton, NY 11969

Amount Requested: \$250,000

Explanation of the Request: There is an extremely limited preschool/day care service provided by individuals on the Reservation and surrounding community. Pre-schools in the area are costly to Shinnecock families and do not provide cultural enrichment important to the Nation. The need for a preschool has grown as the population of the Nation has grown, and economic restraints restrict participation in child care services. The funds, along with the funds from a grant from the Gerald and Janet Carrus Foundation, will be used for construction of the facility, including labor and materials. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: Smithtown Special Library District
1 North Country Road
Smithtown, NY 11787

Amount Requested: \$53,000

Explanation of the Request: The Smithtown Special Library District wishes to offer a mobile computer training lab program at the main and branch libraries at no charge to participants. This program will be geared toward individuals needing special instruction using a computer and the Internet. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: Southampton Youth Services, Inc.
1370A Majors Path
Southampton, NY 11968

Amount Requested: \$150,000

Explanation of the Request: The Southampton Youth Services After School Program is designed provide activities to create a well-rounded experience for children. The program will provide team play, individual coaching, tutoring, nutritional snacks, and culturally diverse field trips to provide a safe environment for children. Funding will be used to create a 30-week After School Program focused on academic, athletic, cultural and recreational activities. This is a valuable use of taxpayer funds because it will provide academic, cultural and recreational activities for youth.

Intended Recipient of Funds: STIDD Systems, Inc.
220 Carpenter St
Greenport, NY 11944

Amount Requested: \$9,300,000

Explanation of the Request: TTCS provides a risk reduction and capability enhancement technology path that will provide theater Special Operation Forces (SOF) commanders the greater operational capability to conduct SOF shallow water undersea operations than is feasible within current funding profiles by significantly increasing the internal payload capacity without altering the existing Dry Deck Shelter (DDS). This is a valuable use of taxpayer funds because it will assist in the defense of the United States.

Intended Recipient of Funds: St. Joseph's College
155 West Roe Boulevard
Patchogue, NY 11772

Amount Requested: \$300,000

Explanation of the Request: Funding will be used for laboratory equipment for the College's multi-purpose biology lab and chemistry lab. Funding will also be used to purchase equipment for two distance-learning classrooms allowing the College to maximize teaching and learning resources. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Stony Brook University
100 Nicolls Road

Stony Brook, NY 11794

Amount Requested: \$2,000,000

Explanation of the Request: The goal of this project is to develop a system for the control of cancer based on its early detection and treatment. This will be achieved by developing a system that is based on nanoscience and wireless transmission. This novel system a) detects cancer in its earliest stages by assaying in a given tissue (e.g., breast) cancer markers using molecular sensors, b) transmits wirelessly to a computer outside the body the results of the assays performed by the nanosensors, c) the computer evaluates the results based on an algorithm and, d) when needed, by return wireless signal releases locally an anticancer drug killing the cancer cells. In this way, cancer is detected early, when it is minimal in size and not aggressive in nature and is eliminated without the usual side effects of chemotherapy. Using the funds we have received, we have developed a nanochip detecting up to 100 different tumor markers; developed an early prototype of a nanodevice that releases drugs locally; developed nanoparticles which kill breast cancer cells by themselves and also can carry conventional chemotherapeutic agents to enhance the killing of the cancer cells. We have filed several US patents covering these inventions. We will use the requested funds to: a) perfect the nanostructures that we have developed; b) develop algorithms processing sensor readouts; and c) develop a wireless data collection and deployment grid. Continuing funding for this highly productive effort is vital to complete the work. This is a valuable use of taxpayer funds because it will assist in the defense of the United States.

Intended Recipient of Funds: Stony Brook University & Farmingdale State College
100 Nicolls Road
Stony Brook, NY 11794

Amount Requested: \$5,000,000

Explanation of the Request: Funding will be used to develop a wireless power transmission and storage system which will be used for charging and monitoring portable electronics used in military, biomedical, and consumer applications. This system will incorporate new advances in nanotechnology which have enabled the development of light weight, low power, addressable, electronic devices. This is a valuable use of taxpayer funds because it will assist in the defense of the United States.

Intended Recipient of Funds: Suffolk County
335 Yaphank Avenue
Yaphank, NY 11980

Amount Requested: \$1,000,000

Explanation of the Request: Funding will offer enhanced local transit service as an alternate to auto trips for Suffolk County residents. The environment will benefit from reduced auto emissions and congestion, and the county economy will benefit from more convenient and economical journey to work and school commuting opportunities.

Intended Recipient of Funds: Suffolk County
335 Yaphank Avenue
Yaphank, NY 11980

Amount Requested: \$3,000,000

Explanation of the Request: Rehabilitation of this publically-owned ocean outfall pipe in the Suffolk County Sewer District No. 3 is critical to the prevention of structural failures common amongst concrete pipes. The pipe runs beneath the Great South Bay and any structural damage could severely pollute the environment and local communities. The project will determine the condition of the pipe and perform the necessary improvements. This project is a valuable use of taxpayer funds because it will project public health and the environment.

Intended Recipient of Funds: Suffolk County
H. Lee Dennison Building,
Veterans Memorial Highway
P.O. Box 6100
Hauppauge, NY 11788

Amount Requested: \$1,000,000

Explanation of the Request: Continuous development in central Suffolk County has made this roadway a critical facility. The Average Annual Daily Traffic (AADT) from Sunrise Highway to NYS Route 347 ranges from 90,000 to 50,000 vehicles per day and is expected to continue to grow. This project is a valuable use of taxpayer funds because it will promote safe and efficient transportation for Long Island commuters.

Intended Recipient of Funds: Suffolk County Community College
533 College Road
Selden, NY 11784

Amount Requested: \$150,000

Explanation of the Request: Funding will go towards repair of existing bus shelters, design and installation of ADA-compliant bus stops, and improved functionality for interconnection of bus stop locations on campus. This project is a valuable use of taxpayer funds because it facilitates public transportation and education.

Intended Recipient of Funds: Suffolk County Department of Economic Development and Workforce Housing - Francis S.
Gabreski Airport
Administration Building #1
Westhampton Beach, NY 11978

Amount Requested: \$300,000

Explanation of the Request: Funding will be used to purchase equipment to provide the capability to track aircraft flying over the New York/Long Island area for the purpose of helicopter noise mitigation. A similar system is in place at East Hampton Airport in East Hampton, NY. The system will be used to verify volunteer helicopter and other aircraft noise mitigation measures. This project is a valuable use of taxpayer funds because it will protect quality of life.

Intended Recipient of Funds: Suffolk County Department of Economic Development and Workforce Housing - Francis S.
Gabreski Airport
Administration Building #1

Westhampton Beach, NY 11978

Amount Requested: \$1,000,000

Explanation of the Request: Funding will allow Suffolk County to construct a new air traffic control tower that will meet OSHA standards, provide new equipment to enhance air traffic control safety, meet ADA requirements, and provide adequate unobstructed visibility to all areas of the airfield. This project is a valuable use of taxpayer funds because it protects employees and protects the traveling public.

Intended Recipient of Funds: Suffolk County Department of Fire, Rescue & Emergency Services

30 East Avenue
PO Box 127
Yaphank, NY 11980

Amount Requested: \$112,000

Explanation of the Request: Funding would provide equipment to the Suffolk County Department of Fire, Rescue and Emergency Services to establish a regional Joint Information Center (JIC) for use by federal, state and local agencies in the northeast region. This is a valuable use of taxpayer funds because it will facilitate local law enforcement.

Intended Recipient of Funds: Suffolk County
335 Yaphank Avenue
Yaphank, NY 11980

Amount Requested: \$500,000

Explanation of the Request: Funding will be used at the Bergen Point Wastewater Treatment Plant to install safer treatment technology that is a cost effective and environmentally sound. This ultraviolet disinfection and dechlorination system has been recommended by the New York State Department of Environmental Conservation. This project is a valuable use of taxpayer funds because it will protect public health and the environment.

Intended Recipient of Funds: Suffolk County
335 Yaphank Avenue
Yaphank, NY 11980

Amount Requested:

Explanation of the Request: Expansion of wastewater treatment capacity at Suffolk County Sewer District No. 18 is critical to retaining businesses at the Hauppauge Industrial Park that is proposing expansion from 150 lots to 250 lots. This project is a valuable use of taxpayer funds because it will protect public health and the environment

Intended Recipient of Funds: Suffolk County Department of Fire, Rescue & Emergency Services

PO Box 127 Yaphank Avenue
Yaphank, NY 11980

Amount Requested: \$300,000

Explanation of the Request: Funding will outfit the volunteer fire department and the volunteer emergency medical services agencies in Suffolk County with computer equipment to allow for the transmittal of electronic patient data to local hospitals and for the electronic transmittal of mapping and call information to emergency units. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: Suffolk County Department of Health Services
225 Rabro Drive East
Hauppauge, NY 11788

Amount Requested: \$500,000

Explanation of the Request: Funding will provide for the digitizing of medical records. This project is a valuable use of taxpayer funds because it protects public health

Intended Recipient of Funds: Suffolk County District Attorney
77 North County Complex
Hauppauge, New York
Hauppauge, NY 11787

Amount Requested: \$650,000

Explanation of the Request: The Suffolk County District Attorney's office is proactively targeting high crime communities with a variety of law enforcement measures, including long term undercover investigations and block-by-block criminal sweeps resulting in an increased number of prosecutions related to gang activity and illegal handgun charges. Funding would be used to supplement the number of prosecutors assigned to criminal cases involving gangs and the use of illegal firearms in the commission of criminal activity to upgrade and enhance surveillance equipment that is used by investigators in long term investigations targeting gangs and their supply of illegal handguns to others. This is a valuable use of taxpayer funds because it protects the community from drugs and violence.

Intended Recipient of Funds: Suffolk County Police Department
30 Yaphank Avenue
Yaphank, NY 11980

Amount Requested: \$300,000

Explanation of the Request: Suffolk County's Computer Crimes Section has had very significant success with undercover online investigation and arrest of individuals involved in online sexual exploitation of children. The County now requires additional funding for development of cases, equipment to extract and store forensic data from seized equipment of arrestees, training for detectives in the latest investigative and forensic seizure methods, and community outreach programs to schools and communities. Sexual predators will go to great lengths and spend as much time as necessary to gain the trust and confidence of young children before moving in to exploit their victims. It is essential that County police have the best equipment and training available to counter this threat. This is a valuable use of taxpayer funds because it gives local police the tools necessary to protect the public.

Intended Recipient of Funds: Suffolk County Police Department
30 Yaphank Avenue
Yaphank, NY 11980

Amount Requested: \$350,000

Explanation of the Request: Suffolk County Police Department's Special Victims Section seeks to enhance and modernize sex offender data while increasing monitoring of offenders; create a regional task force; and provide additional training for law enforcement and partner agencies regarding child sexual and physical assault. This is a valuable use of taxpayer funds because it will enhance law enforcement capabilities.

Intended Recipient of Funds: Suffolk County Police Department
30 Yaphank Avenue
Yaphank, NY 11980

Amount Requested: \$500,000

Explanation of the Request: Funding for this project will enhance the fingerprint record storage and manipulation capacities of the Suffolk County Police Department's Automated Fingerprint Identification System. These upgrades will allow the Department to take advantage of the latest biometric technology and enable the transmission, storage and identification of latent palm prints to FBI standards while providing faster and more accurate identifications for law enforcement and homeland security agencies. This is a valuable use of taxpayer funds because it supports local law enforcement.

Intended Recipient of Funds: Suffolk County Sheriff
100 Center Drive
Riverhead, NY 11901

Amount Requested: \$433,000

Explanation of the Request: This project will allow the Suffolk County Sheriff's Office to coordinate emergency responses to major events within the County. Funding would be used to purchase the mobile command post and related communications and surveillance equipment. The command center will provide a usable platform for the coordinated efforts of a variety of response agencies, both regionally and within Suffolk County. This is a valuable use of taxpayer funds because it will provide local law enforcement increased ability to protect the public.

Intended Recipient of Funds: Suffolk County Sheriff
100 Center Drive
Riverhead, NY 11901

Amount Requested: \$70,000

Explanation of the Request: This project will allow the Suffolk County Sheriff's Office to respond adequately to major events within the County. Funding would be used to purchase a six passenger rescue-equipped vehicle, trailer and provide the Sheriff's Office training to effect ice, flood, salt water and fresh water rescues not conducive to vessel patrol. This is a valuable use of taxpayer funds because it will facilitate law enforcement activities.

Intended Recipient of Funds: SUNY Stony Brook Southampton

239 Montauk Highway
Southampton, NY 11968

Amount Requested: \$150,000

Explanation of the Request: Stony Brook Southampton's Writing and Literature program seeks funding for the Young American Writers Project (YAWP), which will bring writing and critical thinking skills to middle school and high school students across Suffolk County's 69 school districts. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: The Montauk Playhouse Community Center Foundation, Inc.

P.O. Box 1612
Montauk, NY 11954

Amount Requested: \$200,000

Explanation of the Request: The Montauk Playhouse is an historic 1920s-era building adapted for reuse as a community center. Funding will be used to complete renovations to this facility for safe use by residents, as a meeting space, and for multi-generational programming. This project is a valuable use of taxpayer funds because it promotes education.

Intended Recipient of Funds: The Sunshine Center, Inc.

468 Boyle Road
Port Jefferson Station, NY 11776

Amount Requested: \$125,000

Explanation of the Request: The Sunshine Center's "Prevention Not Suspension" program works with high-risk youth and their families to provide youth with educational and prevention-focused services in a variety of areas that will teach new skills to help them succeed academically and socially. Funding will be used to hire three certified teachers and one social emotional staff to provide academic instruction and social learning support groups. This is a valuable use of taxpayer funds because it will help children succeed academically and socially.

Intended Recipient of Funds: The Sunshine Center, Inc.

468 Boyle Road
Port Jefferson Station, NY 11776

Amount Requested: \$100,000

Explanation of the Request: Funding will go toward renovations and expansion of existing facilities to create safer indoor and outdoor space for an expansion of core programs. This project is a valuable use of taxpayer funds because it provides for youth programs.

Intended Recipient of Funds: Time for Teens, Inc.

26 Henry St
Southampton, NY 11968

Amount Requested: \$100,000

Explanation of the Request: Time for Teens holds an annual bereavement retreat for teens who have suffered the loss of a loved one. Groups are conducted by professional licensed social workers with experience in working with the adolescent population and grieving. Funding will go toward annual bereavement retreats. This is a valuable use of taxpayer funds because it will provide support programs for youth.

Intended Recipient of Funds: Town of Brookhaven
One Independence Hill
Farmingville, NY 11738

Amount Requested: \$100,000

Explanation of the Request: Funding will go toward the installation of the Town of Brookhaven Central Traffic Signal System (CTSS) that will utilize antenna, radio and video capabilities on selected arterial roadway traffic signals. Central software will allow two-way access to each traffic controller for uploading and downloading functions for monitoring, trouble shooting, and repairs. The central station will incorporate Intelligent Transportation Systems (ITS) technology in cooperation with the NYSDOT INFORM system at all 164 traffic signals and 129 other Town traffic control devices. This project is a valuable use of taxpayer funds because it promotes safe and efficient transportation.

Intended Recipient of Funds: Town of Brookhaven
One Independence Hill
Farmingville, NY 11738

Amount Requested: \$100,000

Explanation of the Request: Funding will go toward completing planning, engineering and design of a larger project to restore historically significant, local structures - the Lester Davis and Nathaniel Woodhull located in Shoreham. This project is a valuable use of taxpayer funds because it will rehabilitate local historic buildings

Intended Recipient of Funds: Town of Brookhaven
One Independence Hill
Farmingville, NY 11738

Amount Requested: \$500,000

Explanation of the Request: The Town of Brookhaven is working to restore the West Jetty at the entrance to Mount Sinai Harbor. Funding will be used to assess the state of jetty disrepair, define engineering alternatives, including the possible relocation or removal of the jetty. This is a valuable use of taxpayer funds because promotes safety and navigation

Intended Recipient of Funds: Town of East Hampton
159 Pantigo Road
East Hampton, NY 11937

Amount Requested: \$500,000

Explanation of the Request: Funding for this storm water project will install catchment basins and retention ponds around Lake Montauk and Accabonac Harbor to address run-off issues. This project is a valuable use of taxpayer funds because it projects the environment.

Intended Recipient of Funds: Town of Riverhead
200 Howell Avenue
Riverhead, NY 11901

Amount Requested: \$280,000

Explanation of the Request: The Town of Riverhead is combating the growing problem of gang violence and an increase in juvenile arrests. The Town of Riverhead Youth Bureau will provide a 52-week long, extensive program to aggressively reduce the proliferation of gangs on eastern Long Island. This is a valuable use of taxpayer funds because it will reduce the proliferation of gangs on Long Island.

Intended Recipient of Funds: Town of Riverhead
200 Howell Avenue
Riverhead, NY 11901

Amount Requested: \$1,000,000

Explanation of the Request: The Calverton rail spur rehabilitation project is smart for growth and central to the adaptive reuse strategy for the Calverton Enterprise Park. It will have immediate measurable results, such as improved rail service and reduced highway congestion, specifically on the Long Island Expressway (I-495). This project is a valuable use of taxpayer funds because it will reduce traffic and increase economic activity on Long Island.

Intended Recipient of Funds: Town of Shelter Island
38 North Ferry Rd
P.O. Box 970
Shelter Island, NY 11964

Amount Requested: \$60,000

Explanation of the Request: Funding will repair the bulkhead and seawalls safeguarding the Smith-Taylor Cabin, which is listed on the National Registry of Historic Places. This is a valuable use of taxpayer funds because it protects a historic local treasure.

Intended Recipient of Funds: Town of Shelter Island
38 North Ferry Road
PO Box 970
Shelter Island, NY 11964

Amount Requested: \$200,000

Explanation of the Request: The Town of Shelter Island was approved for funding by FEMA to reconstruct Shell Beach to protect the shoreline from adverse weather events. Funding will focus replace the bulkhead at the farthest end of the Shell Beach peninsula, the entrance to West Neck Bay. This is a valuable use of taxpayer funds because it protects infrastructure and promotes safety.

Intended Recipient of Funds: Town of Shelter Island
38 North Ferry Rd.
P.O. Box 970

Shelter Island, NY 11964

Amount Requested: \$250,000

Explanation of the Request: The West Neck Water District is in critical need of drinking water infrastructure improvements. This project will install or replace transmission and distribution pipes to prevent contamination caused by leaks or line breaks. In February, 2009, a break was discovered that cost 30,000 gallons a day over several weeks when frozen ground prevented detection. This project is a valuable use of taxpayer funds because it protects public health.

Intended Recipient of Funds: U.S. Army Corps of Engineers

26 Federal Plaza

New York, NY 10278

Amount Requested: \$600,000

Explanation of the Request: This is an ecosystem restoration project on a former farm. Suffolk County will provide funding for the local share of the project if federal support is secured. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers

26 Federal Plaza

New York, NY 10278

Amount Requested: \$1,000,000

Explanation of the Request: This is an ongoing CAP study to identify the feasibility of undertaking a project to ameliorate the effects of the existing navigation project at Mattituck Inlet. Existing conditions affect downdraft shorelines. The Corps has expressed a capability of \$4.5 million to continue this important study. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers

26 Federal Plaza

New York, NY 10278

Amount Requested: \$1,000,000

Explanation of the Request: Funding will be used to dredge this waterway utilized by three U.S. Coast Guard stations for search-and-rescue missions. Many commercial and recreational boaters use this sheltered route along the Atlantic Ocean between three of the south shore inlets as a sheltered route parallel to the Ocean coast line. Segments of the channel are impassable. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers

26 Federal Plaza

New York, NY 10278

Amount Requested: \$500,000

Explanation of the Request: A priority location identified in §5158(3)(G)(186) of WRDA 2007, this project involves the upgrade and expansion of the village's secondary

treatment plant from 500,000 gpd to 1,200,000 gpd to allow for economic revitalization of downtown Patchogue and to promote generational housing for our children and protect the environment of the Great South Bay. The Village has taken a proactive stance and authorized the design of a tertiary treatment facility, one that removes nitrogen, even though NYSDEC will allow secondary levels of treatment. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza
New York, NY 10278

Amount Requested: \$60,000

Explanation of the Request: Funding will be used for maintenance dredging in Mattituck Harbor on the Long Island Sound in the Village of Mattituck. Maintenance dredging was last performed in 2004. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza
New York, NY 10278

Amount Requested: \$200,000

Explanation of the Request: This project will dredge the Fire Island Inlet to the Central Basin in Great South Bay opposite Patchogue Village, and the Patchogue River bring renewed environmental coordination and a condition survey. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza
New York, NY 10278

Amount Requested: \$250,000

Explanation of the Request: Located on the north fork of Long Island, in the Town of Southold, NY, the study area includes both the northern and southern shorelines of the north fork, bounded by Long Island Sound and Peconic Bay. Within the study area there is the threat of coastal storm damages to existing infrastructure, including damages to homes and businesses. In addition to the vulnerability of these structures, the existing road system is also vulnerable to flooding and erosion, which would compromise access to the Villages of Greenport and Orient, including ferry access to Connecticut and Plum Island, NY. In addition to the potential for storm damages, there also exist locations where past coastal construction activities have negatively impacted the natural coastal processes, where opportunities exist to restore these areas to a more natural, less degraded condition. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza

New York, NY 10278

Amount Requested: \$200,000

Explanation of the Request: Funding will be used to complete project engineering and design. The Montauk Point Lighthouse was commissioned by President Washington and is included in the National Register of Historic Places. Its original position was approximately 300 feet from the eastern tip of Long Island, but the combined forces of storm induced erosion and long term constant erosion now leave less than 50 feet of land in front of the structure. This project is supported by the Town of East Hampton. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza
New York, NY 10278

Amount Requested: \$119,000

Explanation of the Request: Lake Montauk Harbor is home to one of the largest commercial fishing fleets in New York, and the waterway supports a major tourism industry providing the backbone of the local economy in the easternmost part of Long Island. Significant shoaling problems cause the Coast Guard difficulties when responding to emergencies from the station at Lake Montauk Harbor. This project is supported by the Town of East Hampton. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza
New York, NY 10278

Amount Requested: \$500,000

Explanation of the Request: This project will dredge the inlet, which is heavily used for the important recreational boating industry. Dredging the Inlet would also serve a vital shoreline protection role, returning the sand to the westerly littoral drift. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza
New York, NY 10278

Amount Requested: \$250,000

Explanation of the Request: Funding will be used continue a feasibility study to ascertain and quantify contributions of various causes of impaired river habitat and screen potential environmental and engineering solutions to improve water quality, enhance ecosystem and reduce pollutants entering the watershed. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Army Corps of Engineers
26 Federal Plaza

New York, NY 10278

Amount Requested: \$750,000

Explanation of the Request: Funding will be used for emergency shoreline protection for CR 48. This is a valuable use of taxpayer funds because it will provide economic and environmental benefits to Long Island, NY.

Intended Recipient of Funds: U.S. Naval Sea Cadet Corps
2300 Wilson Blvd.
Arlington, NY 22201

Amount Requested: \$650,600

Explanation of the Request: The program is focused upon development of youth ages 11-17, serving almost 9,000 Sea Cadets and adult volunteers in 387 units country-wide. It promotes interest and skill in seamanship and aviation and instills qualities that mold strong moral character in an anti-drug and anti-gang environment. Summer training onboard Navy and Coast Guard ships and shore stations is a challenging training ground for developing self-confidence and self-discipline, promotion of high standards of conduct and performance and a sense of teamwork. Funds will be utilized to buy down the out-of-pocket expenses for training to \$120/week. NSCC instills in every Cadet a sense of patriotism, courage and the foundation of personal honor. A significant percent of Cadets join the Armed Services often receiving accelerated advancement, or obtain commissions. The program has significance in assisting to promote the Navy and Coast Guard, particularly in those areas of the U.S where these Services have little presence. Accessions related to this program are a significant asset to the Services. This is a valuable use of taxpayer funds because it will assist in the defense of the United States.

Intended Recipient of Funds: Ultra Electronics
95 Horseblock Road
Yaphank, NY 11980

Amount Requested: \$7,000,000

Explanation of the Request: The need for remote cryptographic key loading and for a solution to electromagnetic interference between the Non Line of Sight (NLOS) missile system and other key shipboard systems were identified only very recently and too late to be included in the FY10 President's Budget Request and the Navy's Unfunded Priority List. However, FY10 RDT&E funds are urgently required to adapt NSA-approved remote crypto-keying technology and to apply Electro Magnetic Interference (EMI) filtering and suppression technology to achieve compatibility and maintain the schedule for shipboard integration of the NLOS missile system. Lack of additional FY10 funds threatens to cause significant delays in the NLOS integration for shipboard use which, in turn, could generate larger financial and schedule impacts. This is a valuable use of taxpayer funds because it will assist in the defense of the United States.

Intended Recipient of Funds: Veterans of Foreign Wars Post 3054
8 Jones Street
Setauket, NY 11733

Amount Requested: \$35,000

Explanation of the Request: Funding will be used to make renovations improving handicap accessibility to the Post's facility to better serve veterans of the community. This project is a valuable use of taxpayer funds because it assists veterans who served our nation.

Intended Recipient of Funds: Veterans of Foreign Wars Post 2937
507 Long Island Avenue
PO Box 385
Medford, NY 11763

Amount Requested: \$70,000

Explanation of the Request: Funding will be used to make renovations to the Post's facility that was built in 1917 to better serve veterans of the community. This project is a valuable use of taxpayer funds because it assists veterans who served our nation.

Intended Recipient of Funds: Veterans of Foreign Wars Post 6249 Rocky Point
PO Box 1106
Rocky Point, NY 11778

Amount Requested: \$125,000

Explanation of the Request: Funding will be used to renovate the Post's facility including the men's and women's restrooms to make them handicap accessible. This project is a valuable use of taxpayer funds because it will assist veterans who served our nation.

Intended Recipient of Funds: Victims Information Bureau of Suffolk, Inc.
20 Peachtree Court
Holbrook, NY 11741

Amount Requested: \$200,000

Explanation of the Request: Victims Information Bureau of Suffolk (VIBS) serves victims of domestic violence and sexual assault throughout Suffolk County, NY. In 2008, VIBS provided counseling to more than 1,000 adults, adolescents and children; advocacy to over 900 clients; and response to over 5,000 urgent hotline calls. VIBS provided preventive education to more than 12,000 students and adults. In addition to services for survivors, VIBS provided intervention to over 400 offenders. Funding would be used to enhance programs and respond to increasing need in Suffolk County. This is a valuable use of taxpayer funds because it serves victims of domestic violence and sexual abuse.

Intended Recipient of Funds: Village of Bellport
29 Bellport Lane
Bellport, NY 11713

Amount Requested: \$200,000

Explanation of the Request: The Village of Bellport has developed a restoration project for a community center built in the late 1920s. This Center is located at the crossroads of two historic districts in the Village and provides many community activities for both young people and senior citizens. This project is a valuable use of taxpayer funds because it supports a community center.

Intended Recipient of Funds: Village of Bellport
29 Bellport Lane
Bellport, NY 11713

Amount Requested: \$380,000

Explanation of the Request: Funding will be used to repair the Bellport Marina. This dredging project will alleviate navigational hazards for Bellport Fire Department, Suffolk County Police, South Country Ambulance rescue and law enforcement vessels. This project is a valuable use of taxpayer funds because it compliments local law enforcement activities.

Intended Recipient of Funds: Village of Greenport
236 Third Street
Greenport, NY 11944

Amount Requested: \$500,000

Explanation of the Request: The Village of Greenport owns an electric generating plant, but only generates electricity to offset incremental peak power purchases. The Village is upgrading this facility to reduce their impact on the grid and to reduce costs for rate payers. This is a valuable use of taxpayer funds because it will save energy and reduce costs.

Intended Recipient of Funds: Village of Greenport
236 Third Street
Greenport, NY 11944

Amount Requested: \$500,000

Explanation of the Request: This wastewater project will increase treatment levels at the local water pollution control plant. It is a valuable use of taxpayer funds because it will protect the Long Island Sound.

Intended Recipient of Funds: William Merritt Hallock American Legion Post 155
Ronkonkoma, NY

115 Church Street
Ronkonkoma, NY 11779

Amount Requested: \$100,000

Explanation of the Request: Post 155 has been in existence for 80 years, with most current members having been with the Post over forty years and is now having trouble walking. Funding will increase handicap accessibility to their facility and repair damage to the existing roof. This project is a valuable use of taxpayer funds because it will assist veterans who have served our nation.

Intended Recipient of Funds: YMCA of Long Island, Inc.
155 Buckley Road
Holtsville, NY 11742

Amount Requested: \$125,000

Explanation of the Request: YMCA child care and day camp programs offer a safe, healthy, and affordable option for low- to moderate-income families. Families struggling

to make ends meet may not be able to afford supervised care for their children. Brookhaven-Roe YMCA is seeking funding to provide day camp financial assistance for families who may not otherwise be able to afford supervised child care in this difficult economic climate. This is a valuable use of taxpayer funds because it provides child care and for low- to moderate-income families.

Intended Recipient of Funds: YMCA of Long Island, Inc.
155 Buckley Road
Holtsville, NY 11742

Amount Requested: \$100,000

Explanation of the Request: The Brookhaven-Roe YMCA is launching a Diversity Training Program that will include staff diversity training and development, the addition of bilingual staff, part-time counselors, guest speakers to provide a series of talks on diversity and respect, promotional efforts to make the community aware of these talks, and sensitivity/equality training workshops. According to census estimates, the Village of Patchogue is 13 percent Hispanic. In light of recent, racially motivated attacks in that community, the YMCA recognizes the need to create a safe, inclusive environment. This is a valuable use of taxpayer funds because it provides diversity training to the community.

Intended Recipient of Funds: YMCA of Long Island, Inc.
155 Buckley Road
Holtsville, NY 11742

Amount Requested: \$200,000

Explanation of the Request: The Brookhaven-Roe YMCA is in the final stages of a capital campaign to build an expanded facility in Patchogue, NY. Funding is requested for necessary site work, asphalt paving, landscaping, fencing, and lighting to complete the parking lot area. This project is a valuable use of taxpayer funds because it assists a community youth center.

For House Armed Services Authorization

Brookhaven Technology Group, Inc.
19 Bridge Road
Setauket, New York 11733

\$2.35 million in authorization for Autonomous Military Power

This project addresses a critical national security issue by use of compact, transportable nuclear-electric power systems that can be pre-located at critical bases or deployed when and where needed in case of emergency. Applications include both domestic and forward military bases and civilian uses in case of national disaster. Domestic military bases depend on the electric grid for power and therefore they are highly vulnerable to disruption by cyber or physical attack. Well planned, simultaneous attacks could disrupt

vital activities at critical locations for extended periods of time.

The modular, air-cooled power units under study provide 10 MW to 50 MW of electrical power. They can be rapidly deployed to provide safe, reliable, secure power to troops and civilian personnel on either short term or long term basis at domestic bases, forward operating bases and in case of natural disaster. Brookhaven Technology Group pioneered the concept of deployable nuclear-electric power systems with funding from an Army SBIR. Congressional funds will be used for a one year study of total system cost and issues related to deployment to provide power in case of emergency. The effort will be performed in collaboration with The Polytechnic Institute of NYU, Brookhaven National Laboratory, The Institute for Advanced Technology (IAT) University of Texas at Austin, and Concurrent Technologies Corporation of Johnstown, PA.

Curtiss Wright/Target Rock
1966E Broadhollow Road
E. Farmingdale, New York 11735

Peerless Instrument Co., Inc.
1966D Broadhollow Road
E. Farmingdale, New York 11735

Support the President's request for the CVN 21 program – Carrier Replacement Program

The first ship of the CVN 21 program, the GERALD R. FORD (CVN 78), received the first two years of procurement funding in FY08 and FY09. It is scheduled for delivery to the Navy in FY2015. The CVN 78 class will incorporate performance improving and cost saving technologies that are essential to achieving the Navy's stated goals of reducing manning requirements and total ownership costs while increasing the ship's war fighting capabilities. The CVN 78 class will reduce crew size by 1200 and save the Navy \$5-6 billion in total ownership cost per ship. The new propulsion plant and zonal electrical distribution system will provide 2.5 times the electrical capacity of the Nimitz class with lower life cycle costs. The Navy plans to fund the first three CVN 78 class carriers at four year intervals, with CVN 79 scheduled to begin in FY12. Significant savings can be realized if this schedule is maintained, there are minimal design changes from ship to ship, and funds are authorized and appropriated such that select material for the ships can be ordered together. These actions will also result in stabilization of the shipyard labor force.

The FY07 Defense Authorization Act gave the Navy the authority to finance CVN78 over a four year period, and the CVN 78 is in the 3rd year of a four-year financing profile. The President's FY10 budget request includes 10% of the funding required for construction of CVN 78, as well as Advance Procurement funding for CVN 79.

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E. Farmingdale, New York 11735

Peerless Instrument Co., Inc.
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E. Farmingdale, New York 11735

Support the President's request for the Virginia Class Submarine

Construction of the Virginia class of submarines is being performed through a teaming arrangement between Northrop Grumman Shipbuilding (NGSB) and General Dynamics Electric Boat Corporation (EB), in which these yards alternate performing final assembly, testing, outfitting, and delivery. For all boats, EB will construct the engine room modules, and command and control modules, while NGSB will construct the bow, stern, sail, living spaces, torpedo room, and auxiliary machinery room modules. The Virginia class submarines are also supported by a national network of suppliers, including Curtiss Wright Corporation's Target Rock and Peerless Instrument facilities in Farmingdale, NY.

The FY08 National Defense Authorization Act (P.L. 110-181) authorized multi-year procurement including advance procurement of materials in economic order quantities for Block III submarines between 2009 and 2013. The Navy has entered a multi-year procurement contract for eight hulls that will comprise Block III. The remaining Block II hulls, the New Mexico (SSN 779), Missouri (SSN 780), California (SSN 781), Mississippi (SSN 782) and Minnesota (SSN 783) are in various stages of construction under an earlier multi-year procurement contract.

Full funding of the procurement request is required so the program can remain on budget, achieve the savings associated with the multi-year procurement and deliver Virginia class submarines as scheduled.

Curtiss Wright/Target Rock
1966E Broadhollow Road
E. Farmingdale, New York 11735

Peerless Instrument Co., Inc.
1966D Broadhollow Road
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New York Structural Biology Center

89 Convent Avenue
New York, New York 10027-7556

\$5 million in authorization for a Synchrotron Beamline and Experimental Station at Brookhaven National Laboratory

There is urgent need to identify and characterize molecular targets that can be used to design inhibitors and therapeutics against biological weapons for use on the battlefield. The New York Structural Biology Center and the US Army's Edgewood Chemical Biological Center are engaged in collaborative research on biological agents most likely to be used against our military by bioterrorists, including Staphylococcal Enterotoxin B, anthrax, ricin, bubonic plague and smallpox. This research depends upon access to the National Synchrotron Light Source (NSLS) at the Brookhaven National Laboratory (BNL). There, X-Ray crystallographers use the synchrotron to determine the molecular structures of the toxins, viruses and bacteria that could be most readily deployed as weapons against U.S. citizens. This structural information is vital to developing new drugs that will protect U.S. military and other Americans exposed to biological weapons.

A new, 3rd-generation synchrotron at BNL (NSLS-II) is being designed. When completed in 2015, the current synchrotron will be decommissioned. As currently planned, there will be no stations available for biological research critical to military and civilian biological defense. This proposal would build an experimental end-station at NSLS-II to serve more than 75 research groups working on the structure and processes of pathogens/toxins and their antidotes to continue their research. If the station is not built, a large community of scientists engaged in nationally vital projects will be without synchrotron access, delaying or derailing important defense-related research. This project is being advanced by the NYSBC, a consortium of 10 preeminent medical schools and universities: Albert Einstein College of Medicine, Columbia University, City University of New York, Memorial Sloan-Kettering Cancer Center, Mount Sinai School of Medicine, New York University, Rockefeller University, State University of New York, Wadsworth Center, and Weil Medical College of Cornell University.

Northrop Grumman Corporation
600 Grumman Road West
Bethpage, New York 11714

Support the President's budget for the E-2D Advanced Hawkeye Program

The E-2D Advanced Hawkeye is the Navy's carrier-based Airborne Early Warning (AEW) and Battle Management Command and Control (BMC2) system, providing Theater Air and Missile Defense (TAMD). Advanced Hawkeye is capable of synthesizing information from multiple onboard and off-board sensors, making complex tactical decisions, and disseminating actionable information to our joint forces in a distributed, open-architecture environment.

Utilizing the newly developed AN/APY-9 Electronic Scan Array (ESA) radar and the

Cooperative Engagement Capability (CEC) system, the Advanced Hawkeye works in concert with surface combatants equipped with the Aegis combat system to detect, track and defeat cruise missile threats at extended range, providing Battle Group Commanders required reaction time. This system-of-systems architecture known as Naval Integrated Fire Control – Counter Air (NIFC-CA) provides vital force protection allowing the Navy to project forces into the littorals and over land, assuring access in contested areas.

The Advanced Hawkeye system development and demonstration (SD&D) program successfully entered flight test in 2008 in accordance with program milestones established at Milestone B in 2003. Two SD&D aircraft have been fully developed with functioning mission systems and completed Operational Assessment in the fall of 2008. With a combined total of over 250 flights and 760 flight hours as of December 2008, the E-2D's AN/APY-9 radar system continues to perform well, exceeding all key performance parameters and technical performance measures, including specification for detection range.

FY10 procurement supports production of LRIP (Low Rate Initial Production) Lot II aircraft and E-2D unique initial aircraft spares and support equipment required to prepare the fleet for E-2D operations. The advanced procurement supports long lead materials required for LRIP Lot III aircraft. FY10 RDT&E supports system development and demonstration including conduct critical flight testing required for IOT&E.

STIDD Systems Inc.
220 Carpenter St
Greenport, New York 11944

\$9.3 million in authorization for Transformer Technology for Combat Submersibles (TTCS)

This request will enable USSOCOM to conduct a formal technology design, development, documentation and demonstration of the TTCS. One prototype craft will be designed, fabricated, tested and evaluated for technology transition into either the USSOCOM SDV or SWCS programs of record.

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Stony Brook University
Stony Brook, New York 11794

\$2 million in authorization for Cancer Prevention Through Remote Biological Sensing

The goal of the proposed work is based on the idea that it is easier to kill cancer cells at their early stages and that if a cancer drug is delivered locally, its toxicity is essentially

eliminated. There has been development of a nanosystem to prevent cancer by killing cancer cells as they develop in the human body. It consists of a sensor that assays cancer markers, a wireless transmission component, a central computing unit, and a drug delivery system. Implanted where cancer may develop (e.g., breast after removal of cancer), this system checks periodically for cancer markers, transmits wirelessly the results to a computer, which, if the markers are increased, instructs the delivery of drug locally, killing the cancer cells.

Improves the health of DoD personnel Cancer is a major health problem for both active and retired military personnel. Method makes possible the detection and elimination of cancer at its earliest stage. Method minimizes loss of manpower and reduces health expenses dramatically.

Assists against biological warfare System can be adapted to non-cancer related molecules, such as those that can be used in biological warfare. The simplicity and low cost of the system allow real-time remote wireless monitoring of military personnel for exposure to toxic chemicals or biological agents; and programmed, operator-independent responses, such as the administration of an antidote.

Monitors remotely human parameters Pilot endurance performance status; drug levels. Approach can be easily adapted for real-time, remote and wireless monitoring in military personnel of such parameters as markers of endurance or performance status, e.g., oxygenation status of pilots, or drug levels. Reduction to practice of our approach for these applications requires only to adapt the technology to the required analyte and to define the specifics of wireless monitoring and development of response algorithms. The work will already have provided the guiding principles for these specific applications.

Stony Brook University
Stony Brook, New York 11794

Farmingdale State College
Farmingdale, New York 11735

\$3 million in authorization for Nanotechnology for Next Generation Portable Power

Funding will be used to develop a wireless power transmission and storage system that will be used for charging and monitoring portable electronics used in military, biomedical, and consumer applications. This system will incorporate new advances in nanotechnology, which have enabled the development of light weight, low power electronic devices.

The largest impact of this technology will be for the military in both combat and defense applications:

1. Technology will be incorporated into communications electronics to ensure reliable and secure source of power even under extended periods under adverse weather conditions.
2. Technology can also be adapted to portable GPS systems to guarantee secure and

reliable positioning information of troop formations under adverse combat positions and behind enemy lines.

3. The modern soldier is also equipped with personal monitoring equipment to detect vital signs and alert medical personnel if a problem develops. In the future, remotely controlled drug delivery systems will also enable physicians to deliver emergency medication if a soldier is wounded or otherwise impaired in a remote location. Wireless power is essential for these applications.

4. Emergency response is greatly facilitated when the “solar shade” power generators can simply be deployed in the field and numerous electronic components become immediately operable. For example, instrumentation in a field hospital or communications hub can be automatically switched from one power source to another without wiring changes or modifications.

Ultra Electronics
95 Horseblock Road
Yaphank, New York 11980

\$3 million in authorization for Critical Interoperability Solutions (CIS)

An EMI filtering and suppression solution and a remote cryptographic key loading solution is urgently needed to maintain the schedule for successfully accomplishing shipboard integration of the NLOS missile system and realizing the significant savings resulting from leveraging the Army’s RDT&E investment. This project will provide detailed electromagnetic interference surveys, analyses, and source identification; custom design, testing, implementation, and documentation of EMI filtering and suppression solutions compliant with DoD and military standards/specifications. In addition, the adaptation and integration of NSA-approved remote cryptographic keying technology will enable the Navy to use the NLOS missile system to meet additional ship combat requirements.

The need for remote cryptographic key loading and for a solution to electromagnetic interference between the Non Line of Sight (NLOS) missile system and other key shipboard systems were identified only very recently and too late to be included in the FY10 President’s Budget Request and the Navy’s Unfunded Priority List. However, FY10 RDT&E funds are urgently required to adapt NSA-approved remote crypto-keying technology and to apply Electro Magnetic Interference (EMI) filtering and suppression technology to achieve compatibility and maintain the schedule for shipboard integration of the NLOS missile system. Lack of additional FY10 funds threatens to cause significant delays in the NLOS integration for shipboard use which, in turn, could generate larger financial and schedule impacts.

U.S. Naval Sea Cadet Corps
2300 Wilson Blvd North
Arlington, Virginia 22201

\$650,500 in additional authorization for the U.S. Naval Sea Cadet Corps

The program is focused upon development of youth ages 11-17, serving almost 9,000 Sea Cadets managed by adult volunteers. It promotes interest and skill in seamanship and aviation and instills qualities that mold strong moral character in an anti-drug and anti-gang environment. Summer training onboard Navy and Coast Guard ships and shore stations is a challenging training ground for developing self-confidence and self-discipline, promotion of high standards of conduct and performance and a sense of teamwork.

Funds will be utilized to “buy down” the out-of-pocket expenses for training to \$85/week. NSCC instills in every Cadet a sense of patriotism, courage and the foundation of personal honor. A significant percent of Cadets join the Armed Services often receiving accelerated advancement, or obtain commissions. The program has significance in assisting to promote the Navy and Coast Guard, particularly in those areas of the U.S where these Services have little presence. Accessions related to this program are a significant asset to the Services: Over 2,000 ex-Sea Cadets enlist annually and an average of over 10% of USNA Midshipmen are ex-Cadets.